

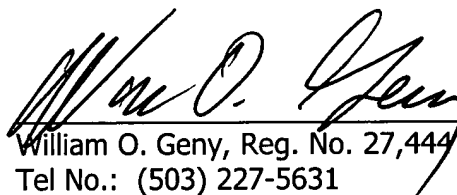
**REMARKS**

This Amendment is submitted for the Examiner's consideration in conjunction with applicant's Request for Continued Examination filing. A new set of claims accompanies this Amendment that patentably distinguishes over the principle reference, Hiller.

Hiller is a three-phase power circuit that has a ground-fault detector responsive to a manually applied "impact test." By contrast, new claim 11 of the claimed invention is a fieldbus network short circuit detector that is automatically triggered by any short circuit between either of the power/signal leads and the shield conductor. The fieldbus network includes devices both powered over the network and controlled over the network by a digital signal. In new claim 14, the power supply circuit is a direct current supply. In Hiller, the power circuit is three-phase alternating current. Further, Hiller does not show a fieldbus network with digitally controlled devices. Such structure would be incompatible with Hiller's three-phase power circuit.

Thus, the claims as presently written define patentable subject matter and should be allowed.

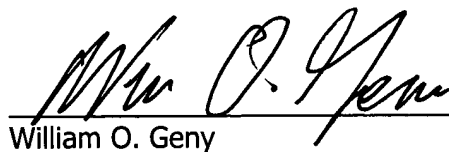
Respectfully submitted,

  
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**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Mail Stop RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Dated: November 23, 2005

  
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William O. Geny